



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

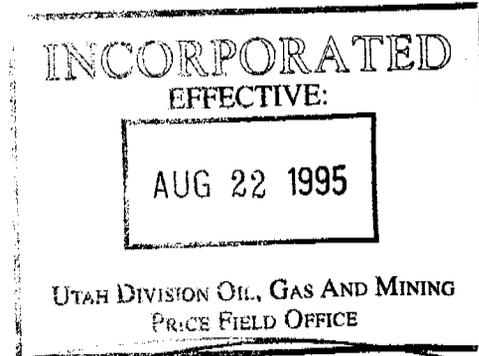
ACT/015/017  
#3

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

August 22, 1995

Val Payne  
Sr Environmental Engineer  
Energy West Mining  
PacifiCorp Electric Operations  
PO Box 310  
Huntington, Utah 84528



RE: Alternate Sediment Control Amendment, Des-Bee-Dove Mine, PacifiCorp Electric Operations, ACT/015/017-95C, Folder #3, Emery County, Utah

Dear Mr. Payne:

The aforementioned amendment is approved effective August 22, 1995. The approval is based on the information you submitted together with the regulatory findings cited below.

Followup Action By Permittee

No followup action is required on this amendment. Documents approved herein must be incorporated in the MRP and are listed in Finding #8.

Project Description

The amendment updates the alternated sediment control designs (ASCD's), Plate 3-3 shows eight different typical designs. Such sediment control measures provide primary control in specific approved disturbed areas and redundant control in other areas.

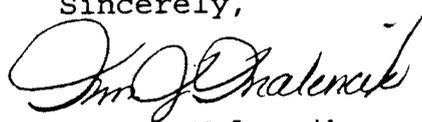
Findings

- (1) The applicant submitted a complete and accurate amendment application.
- (2) DOGM PERMIT STATUS. The ASCD's are approved environmental control measures utilizing the best technology current available and lie within the permit area (R645-301-742.110).

Page 2  
V. Payne/Des-Bee-Dove  
Alternate Sediment Control  
August 22, 1995

- (3) ACTIVE MINE. The ASCD's currently are in place within the disturbed area and are shown on map as required by DOGM Directive-Tech-003A dated June 7, 1995.
- (4) LAND STATUS. Not applicable.
- (5) OTHER APPROVAL. Not applicable.
- (6) IMPACTS. Not applicable.
- (7) RECLAMATION AND BONDING. Not applicable.
- (8) RECORD UPDATE. The MRP documents updated by this approval are as follows:
  - Replace Table of Contents page 4, Volume 1, MRP.
  - Replace page 3-39, Volume 2, Chapter 3, MRP.
  - Add plate 3-3, Volume 3, MRP.

Sincerely,

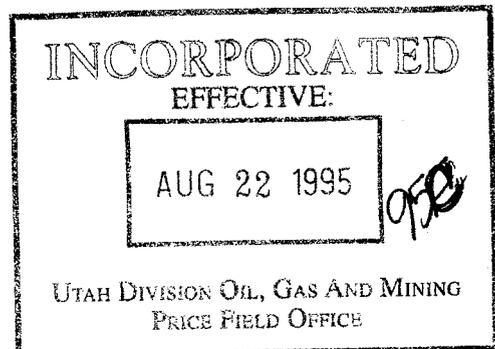


Wm. J. Malencik  
Reclamation Specialist

sd

Enclosure

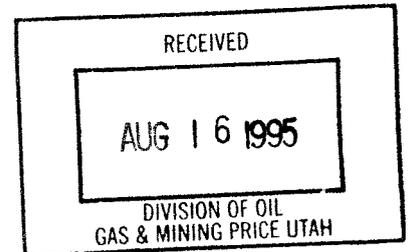
cc: James Fulton, OSM, Denver  
Mark Bailey, BLM, Price  
Janette Kaiser, USFS, Manti-LaSal  
Mark Page, DWR, Price  
Brent Bradford, DEQ, SLC  
Robert Valentine, DWR, SLC  
Pam Grubaugh-Littig, DOGM, SLC  
Joe Helfrich, DOGM, SLC w/o enc  
Karl Houskeeper, Pacificorp, Huntington, w/o enc



Volume 3

MAPS AND DRAWINGS

- |     |  |             |
|-----|--|-------------|
| 1-1 | Coal Ownership Map/with Permit Boundary  | CM-10536-DS |
| 1-2 | Surface Ownership/with Permit Boundary   | CM-10537-DS |
| 1-3 | Mine Development as of 8/3/77 (Blind Canyon Seam)  | CM-10368-BH |
| 1-4 | Mine Development as of 8/3/77 (Hiawatha Seam)  | CM-10371-DS |
| 1-5 | Disturbed Area Boundary Map  | CM-10864-DS |
| 2-1 | Thru 2-11 Have Been Deleted. These Geologic and Hydrologic Data Maps are found in Volumes 8 & 9. |             |



**Vegetation and Soils**

- |       |  |                         |
|-------|--|-------------------------|
| 2-12  | Vegetation Map                                   | CE-10490-DS             |
| 2-13  | Deleted (Open)                                   |                         |
| 2-14  | General Soils Map                                | CE-10502-DS             |
| 2-15  | Mine Plan Area Soils Map                         | CM-10336-DS             |
| 2-16  | Haul Road & Sediment Pond Soils Map (3 Sheets)   | CM-10865-DS             |
| 2-17A | Land Use Map                                     | CM-10596-DS             |
| 2-17B | Raptor Nesting Map                               | CM-10586-DS             |
| 2-18  | Mule Deer Habitat Elk Habitat Map (8 1/2" x 11") | CM-10544-DS<br>Figure 1 |

**Operation Plan**

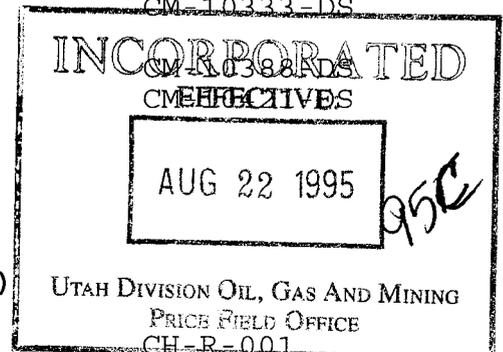
- |     |  |             |
|-----|--|-------------|
| 3-1 | Mine Plan - Deseret Mine                       | CE-10855-DS |
| 3-2 | Mine Plan - Beehive and Little Dove            | CE-10854-BH |
| 3-3 | Typical Alternative Sediment Control Measures  | GENS1555A   |
| 3-4 | Deleted (Open)                                 |             |
| 3-5 | Wilberg Mine to Little Dove Mine Water Line    | CM-10314-WB |
| 3-6 | Surface Facilities Location Map "A" (2 Sheets) | CM-10333-DS |
| 3-7 | Surface Facilities Location Map "B" (3 sheets) | CM-10338-DS |
| 3-8 | Surface Drainage Map (2 sheets)                |             |

Volume 4

MAPS AND DRAWINGS

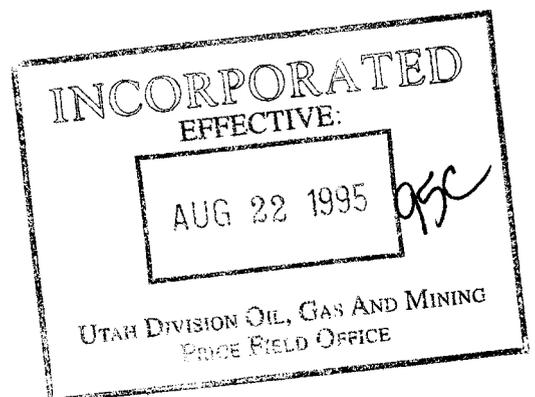
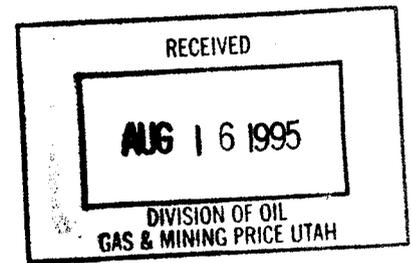
**Operation Plan (cont.)**

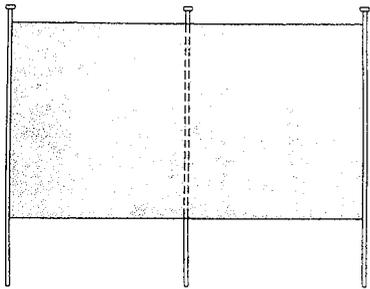
- |      |   |                                  |
|------|---|----------------------------------|
| 3-9  | Road Plans<br>Road Cross Sections<br>Road Profile | CH-R-001<br>CH-R-002<br>CH-R-003 |
| 3-10 | Existing Earth and Structures                     | CM-10392-DS                      |
| 3-11 | Storm Water Conveyance Plans                      | V.H.A. 7 DWGS.                   |



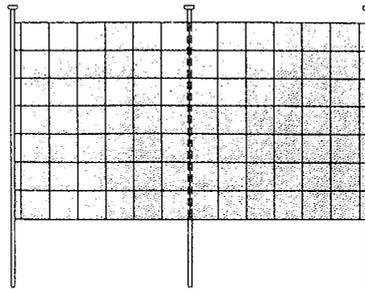
effluent limitations without treatment, are considered Alternative Sediment Control Areas (ASCA). These areas are treated by the best control technology available which includes, but is not limited to: silt fences, berms, catch basins, strawbales, gravel filter dikes, check dams, sediment traps and mulches.

A list of the ASCA's within the permit area is found in Table 7, Page 3-40 (see Plate 3-3).



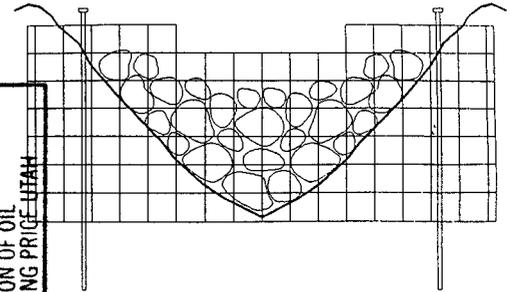


**SILT FENCE**  
 (SEDIMENT CONTROL/RUNOFF CONTROL  
 WIDTH AND HEIGHT VARIES)  
 BOTTOM KEYED IN TO PREVENT BYPASS  
 SIDES KEYED IN WHEN NECESSARY

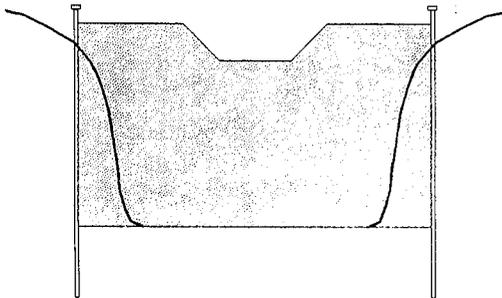


**SILT FENCE & MESH**  
 (SEDIMENT CONTROL/RUNOFF CONTROL  
 WIDTH AND HEIGHT VARIES)  
 BOTTOM KEYED IN TO PREVENT BYPASS  
 SIDES KEYED IN WHEN NECESSARY

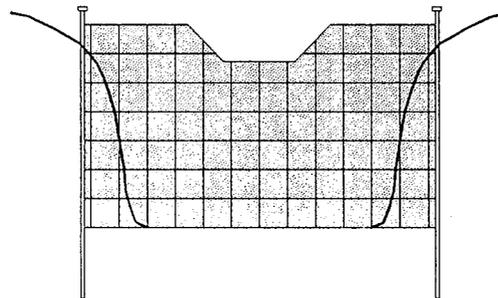
RECEIVED  
**AUG 16 1995**  
 DIVISION OF OIL  
 GAS & MINING PRICE FIELD



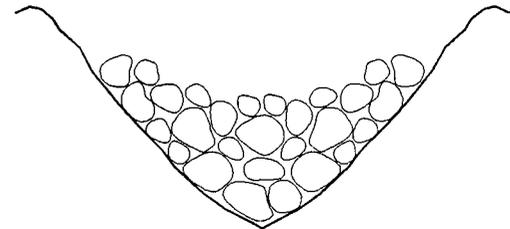
**ROCK GABION**  
 (SEDIMENT CONTROL/ENERGY DISSIPATER  
 WIDTH AND HEIGHT VARIES)



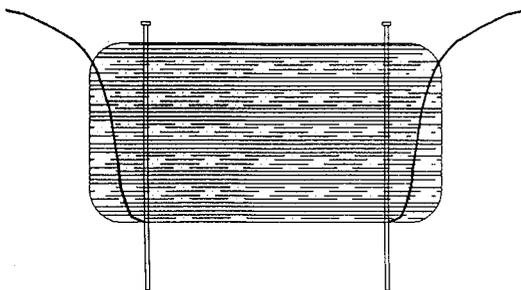
**SILT FENCE WITH NOTCH**  
 (SEDIMENT CONTROL/RUNOFF CONTROL  
 WIDTH AND HEIGHT VARIES)  
 SIDES AND BOTTOM KEYED IN  
 TO PREVENT BYPASS



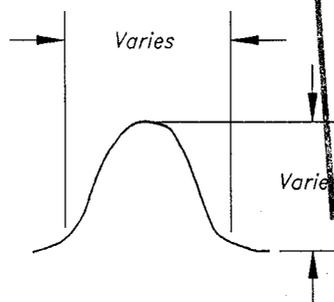
**SILT FENCE & MESH WITH NOTCH**  
 (SEDIMENT CONTROL/RUNOFF CONTROL  
 WIDTH AND HEIGHT VARIES)  
 SIDES AND BOTTOM KEYED IN  
 TO PREVENT BYPASS



**ROCK GABION**  
 (SEDIMENT CONTROL/ENERGY DISSIPATER  
 WIDTH AND HEIGHT VARIES)  
 WIRE MESH PLACED ON TOP  
 OF ROCK WHEN NECESSARY



**STRAW BALE INSTALLATION**  
 (SEDIMENT CONTROL/RUNOFF CONTROL  
 WIDTH AND HEIGHT VARIES)  
 SIDES AND BOTTOM KEYED IN  
 TO PREVENT BYPASS



**DIRT BERM**  
 (SEDIMENT CONTROL/RUNOFF CONTROL)

**INCORPORATED**  
 EFFECTIVE:  
**AUG 22 1995**  
 UTAH DIVISION OIL, GAS AND MINING  
 PRICE FIELD OFFICE

CAD FILE NAME/DISK#: SILTFENC

**ENERGY WEST**  
 MINING COMPANY  
 HUNTINGTON, UTAH 84528

**TYPICAL ALTERNATIVE  
 SEDIMENT CONTROL MEASURES**

DRAWN BY:	K. LARSEN	DRAWING #:	GENS1555A
SCALE:	NONE	DATE:	AUGUST 4, 1995
SHEET 1 OF 1		REV.	